

REVISION OF THE USGS IMPACT CRATER DATA BASE FOR VENUS G.G. Schaber, U.S. Geological Survey-Emeritus, Flagstaff AZ 86001, R.G., Strom, U. of Arizona, Tucson AZ, 85721, and R.L. Kirk, U.S. Geological Survey, Flagstaff AZ 86001

The U.S. Geological Survey Open-File Report #95-561 entitled "Data Base of Impact Craters on Venus Based on Analysis of Magellan Radar Images and Altimetry" by G.G. Schaber, R.L. Kirk, and R.G. Strom was updated in 1996 and replaced by USGS Open-File Report #96-688 of the same title. The revised report is now available in digital form via the Web site homepage (<http://www.flag.wr.usgs.gov>) of the U.S. Geological Survey's Flagstaff Field Center (Flagstaff AZ). Copies of the new open-file report are also available in hard copy, to those without access to the Web, from the USGS Information Services (Box 25286, Federal Center, Denver CO). The revised open-file report and data base includes changes in the nomenclature, coordinates, diameters, modification state, morphologic type, and elevation of 940 impact craters on Venus identified using both the Magellan CD-ROM's and Venera 15/16 data. The modification state of the 940 impact craters currently recognized includes 743 (79%) craters classified as pristine, 107 (11.4%) slightly fractured, 27 (2.9%) heavily fractured, 26 (2.8%) embayed by lavas from external volcanic sources, 16 (1.7%) embayed by lavas from external volcanic sources and slightly fractured, 6 (0.6%) embayed by lavas from external volcanic sources and heavily fractured, 8 (0.85%) compressed with wrinkle ridges, 2 (0.21%) compressed and slightly fractured, and 5 (0.53%) craters embayed or mantled by the ejecta from other impact craters.